

# PATENT ABSTRACTS OF JAPAN

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(54) CARBOXYMETHYLATED GLUCOSE POLYMER AND METHOD FOR ADJUSTING MUD USING SAID POLYMER

(57)Abstract:

PURPOSE: The titled economically and advantageously mass-producible substance, obtained by reacting a mixture of pulp with starch in a specific proportion with monochloroacetic acid in the presence of NaOH to specify the carboxymethylation degree, having improved heat resistance, and suitable for a dehydrating and water reducing agent for drilling mud.

CONSTITUTION: A substance, obtained by incorporating pulp with starch preferably at 70:30W40:60 weight ratio expressed in terms of anhydrous state, and reacting the resultant mixture with monochloroacetic acid in the presence of NaOH, and having 0.60W0.80 carboxymethylation degree. The resultant substance is added to a drilling mud to adjust the mud.

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